ABSTRACT OF THE INVENTION

An automatic liquid or blood transfusion system includes a pressurization device to supply a pressurized gas to at least one transfusion bag, and a gas reservoir connected to the pressurization device and a gas supply source. The pressurization device has an enclosure having a front panel and an open rear end, and inside the enclosure, the following devices are installed. A gas inlet is in communication with the gas reservoir. One end of a valve is in fluid communication with the gas inlet, and the other end of the valve is connected to a gas outlet. The gas outlet is connected to at least one liquid transfusion bag. A pressure gauge is installed at the gas outlet to monitor pressure of the gas flowing through the gas outlet. A pressure regulator is in fluid communication with the gas outlet to regulate pressure of the gas flowing through the gas outlet at a constant value. A control knob is installed at the front panel of the enclosure to set up the constant value. A lid is used to cover the rear open end of the enclosure, wherein the lid is perforated with a central opening allowing the gas outlet open at the rear end of the enclosure. The gas reservoir has a hollow shell with a gas outlet to be connected with the gas inlet of the pressurization device, a gas inlet to be connected to a gas supply source, and a flat rear panel with two lateral protruding sides. The system further has a wall mount having two slide channels for the protruding sides of the flat rear panel to slide through, and a bottom rim to hold the gas reservoir in the wall mount.